

# DENON

TABLE TOP SINGLE CD/MP3 PLAYER

## DN-S700

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**Owner's Manual**

**Bedienungsanleitung**

**Manuel de l'Utilisateur**

**Manuale delle istruzioni**

**Manual del usuario**

**Gebruiksaanwijzing**

**Bruksanvisning**

SAFETY PRECAUTIONS

**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN

**CAUTION:**

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**IMPORTANT TO SAFETY****WARNING:**

To reduce the risk of fire and electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.

**European models**

"CLASS 1  
LASER PRODUCT"

**Marking sign is located on bottom of the unit.**

**U.S.A., Canada models**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment regulations. Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

**CERTIFICATION**

THIS PRODUCT COMPLIES WITH DHHS RULES 21 CFR SUBCHAPTER J APPLICABLE AT DATE OF MANUFACTURE.

D&M Holdings Inc.  
2-1 NISSHIN-CHO KAWASAKI-KU, KAWASAKI-SHI  
KANAGAWA, 210-8569, JAPAN

**Marking sign is located on bottom of the unit.**

**FCC INFORMATION (For US customers)****1. PRODUCT**

This product complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this product may not cause harmful interference, and (2) this product must accept any interference received, including interference that may cause undesired operation.

**2. IMPORTANT NOTICE: DO NOT MODIFY THIS PRODUCT**

This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modification not expressly approved by D&M Professional may void your authority, granted by the FCC, to use the product.

**3. NOTE**

This product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

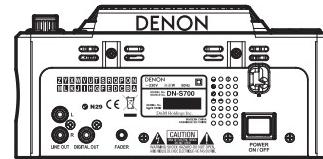
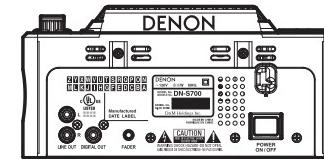
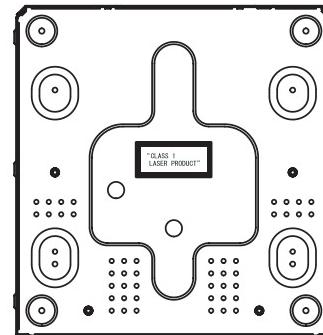
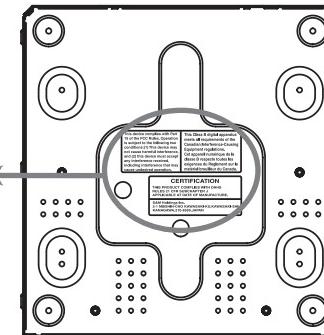
This product generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the product OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the product into an outlet on a circuit different from that to which the receiver is connected.
- Consult the local retailer authorized to distribute this type of product or an experienced radio/TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

 Marking sign

**LOCATION: BOTTOM**



**U.S.A., Canada models**

**European models**

# IMPORTANT SAFETY INSTRUCTIONS

## READ BEFORE OPERATING EQUIPMENT

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacture's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.  
When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



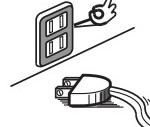
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

### **Additional Safety Information!**

15.  Marked terminals are HAZARDOUS LIVE and that the external wiring connected to those terminal requires installation by an instructed person or the use of ready-made leads or cords.

\* The plug with the polarity adopts only the specification for North America.

NOTE ON USE / HINWEISE ZUM GEBRAUCH / OBSERVATIONS RELATIVES A L'UTILISATION / NOTE SULL'USO / NOTAS SOBRE EL USO /  
ALVORENS TE GEBRUIKEN / OBSERVERA ANGÅENDE ANVÄNDNINGEN

 <ul style="list-style-type: none"> <li>Handle the power cord carefully.</li> <li>Hold the plug when unplugging the cord.</li> <li>Gehen Sie vorsichtig mit dem Netzkabel um.</li> <li>Halten Sie das Kabel am Stecker, wenn Sie den Stecker herausziehen.</li> <li>Manipuler le cordon d'alimentation avec précaution.</li> <li>Tenir la prise lors du débranchement du cordon.</li> <li>Maneggiate il cavo di alimentazione con attenzione.</li> <li>Tenete ferma la spina quando scollegate il cavo dalla presa.</li> <li>Maneje el cordón de energía con cuidado.</li> <li>Sostenga el enchufe cuando desconecte el cordón de energía.</li> <li>Hanteer het netsnoer voorzichtig.</li> <li>Houd het snoer bij de stekker vast wanneer deze moet worden aan- of losgekoppeld.</li> <li>Handleda nätkabeln varsamt.</li> <li>Håll i kablarna när den kopplas från el-uttaget.</li> </ul>	 <ul style="list-style-type: none"> <li>Unplug the power cord when not using the unit for long periods of time.</li> <li>Wenn das Gerät längere Zeit nicht verwendet werden soll, trennen Sie das Netzkabel vom Netzstecker.</li> <li>Débranchez le cordon d'alimentation lorsque l'appareil n'est pas utilisé pendant de longues périodes.</li> <li>Scollegate il cavo di alimentazione quando prevedete di non utilizzare l'unità per un lungo periodo di tempo.</li> <li>Desconecte el cordón de energía cuando no utilice el equipo por mucho tiempo.</li> <li>Neem altijd het netsnoer uit het stopkontakt wanneer het apparaat gedurende een lange periode niet wordt gebruikt.</li> <li>Koppla loss nätkablen om apparaten inte kommer att användas i lång tid.</li> </ul>	 <p>* (For apparatuses with ventilation holes)</p> <ul style="list-style-type: none"> <li>Do not obstruct the ventilation holes.</li> <li>Decken Sie den Lüftungsbereich nicht ab.</li> <li>Ne pas obstruer les trous d'aération.</li> <li>Non coprite i fori di ventilazione.</li> <li>No obstruya los orificios de ventilación.</li> <li>De ventilatieopeningen mogen niet worden beblokkeld.</li> <li>Täpp inte till ventilationsöppningarna.</li> </ul>	 <ul style="list-style-type: none"> <li>Never disassemble or modify the unit in any way.</li> <li>Versuchen Sie niemals das Gerät auseinander zu nehmen oder zu verändern.</li> <li>Ne jamais démonter ou modifier l'appareil d'une manière ou d'une autre.</li> <li>Non smontate né modificate l'unità in alcun modo.</li> <li>Nunca desarme o modifique el equipo de ninguna manera.</li> <li>Dit toestel mag niet gedemonteerd of aangepast worden.</li> <li>Ta inte isär apparaten och försök inte bygga om den.</li> </ul>

**CAUTION:**

To completely disconnect this product from the mains, disconnect the plug from the wall socket outlet.

The mains plug is used to completely interrupt the power supply to the unit and must be within easy access by the user.

**VORSICHT:**

Um dieses Gerät vollständig von der Stromversorgung abzutrennen, ziehen Sie bitte den Stecker aus der Wandsteckdose.

Der Netzstecker wird verwendet, um die Stromversorgung zum Gerät völlig zu unterbrechen; er muss für den Benutzer gut und einfach zu erreichen sein.

**PRECAUTION:**

Pour déconnecter complètement ce produit du courant secteur, débranchez la prise de la prise murale.

La prise secteur est utilisée pour couper complètement l'alimentation de l'appareil et l'utilisateur doit pouvoir y accéder facilement.

**ATTENZIONE:**

Per scollegare completamente questo prodotto dalla rete di alimentazione elettrica, scollegare la spina dalla relativa presa a muro.

La spina di rete viene utilizzata per interrompere completamente l'alimentazione all'unità e deve essere facilmente accessibile all'utente.

**PRECAUCIÓN:**

Para desconectar completamente este producto de la alimentación eléctrica, desconecte el enchufe del enchufe de la pared.

El enchufe de la alimentación eléctrica se utiliza para interrumpir por completo el suministro de alimentación eléctrica a la unidad y debe de encontrarse en un lugar al que el usuario tenga fácil acceso.

**WAARSCHUWING:**

Om de voeding van dit product volledig te onderbreken moet de stekker uit het stopcontact worden getrokken.

De netstekker wordt gebruikt om de stroomtoevoer naar het toestel volledig te onderbreken en moet voor de gebruiker gemakkelijk bereikbaar zijn.

**FÖRSIKTIHETSÅTT:**

Koppla loss stickproppen från eluttaget för att helt skilja produkten från nätet.

Stickproppen används för att helt bryta strömförserjningen till apparaten, och den måste vara lättillgänglig för användaren.

**For Europe Customers****• DECLARATION OF CONFORMITY**

We declare under our sole responsibility that this product, to which this declaration relates, is in conformity with the following standards: EN60065, EN55013, EN55020, EN61000-3-2 and EN61000-3-3.

Following the provisions of 2006/95/EC and 2004/108/EC Directive.

**• ÜBEREINSTIMMUNGSERKLÄRUNG**

Wir erklären unter unserer Verantwortung, daß dieses Produkt, auf das sich diese Erklärung bezieht, den folgenden Standards entspricht: EN60065, EN55013, EN55020, EN61000-3-2 und EN61000-3-3.

Entspricht den Verordnungen der Direktive 2006/95/EC und 2004/108/EC.

**• DECLARATION DE CONFORMITÉ**

Nous déclarons sous notre seule responsabilité que l'appareil, auquel se réfère cette déclaration, est conforme aux standards suivants: EN60065, EN55013, EN55020, EN61000-3-2 et EN61000-3-3.

D'après les dispositions de la Directive 2006/95/EC et 2004/108/EC.

**• DICHIARAZIONE DI CONFORMITÀ**

Dichiariamo con piena responsabilità che questo prodotto, al quale la nostra dichiarazione si riferisce, è conforme alle seguenti normative: EN60065, EN55013, EN55020, EN61000-3-2 e EN61000-3-3. In conformità con le condizioni delle direttive 2006/95/EC e 2004/108/EC.

QUESTO PRODOTTO È CONFORME  
AL D.M. 28/08/95 N. 548

**• DECLARACIÓN DE CONFORMIDAD**

Declaramos bajo nuestra exclusiva responsabilidad que este producto al que hace referencia esta declaración, está conforme con los siguientes estándares: EN60065, EN55013, EN55020, EN61000-3-2 y EN61000-3-3. Siguiendo las provisiones de las Directivas 2006/95/EC y 2004/108/EC.

**• EENVORMIGHEIDSVERKLARING**

Wij verklaren uitsluitend op onze verantwoordelijkheid dat dit produkt, waarop deze verklaring betrekking heeft, in overeenstemming is met de volgende normen: EN60065, EN55013, EN55020, EN61000-3-2 en EN61000-3-3.

Volgens de bepalingen van de Richtlijnen 2006/95/EC en 2004/108/EC.

**• ÖVERENSSTÄMMELSEINTYG**

Härmed intygas helt på eget ansvar att denna produkt, vilken detta intyg avser, uppfyller följande standarder: EN60065, EN55013, EN55020, EN61000-3-2 och EN61000-3-3.

Enligt stadgarna i direktiv 2006/95/EC och 2004/108/EC.

D&M Professional Europe  
Kingsbridge House Padbury Oaks 575  
Bath Road Longford Middlesex  
UB7 0EW United Kingdom

**A NOTE ABOUT RECYCLING:**

This product's packaging materials are recyclable and can be reused. Please dispose of any materials in accordance with the local recycling regulations.

When discarding the unit, comply with local rules or regulations.

Batteries should never be thrown away or incinerated but disposed of in accordance with the local regulations concerning battery disposal.

This product and the supplied accessories, excluding the batteries, constitute the applicable product according to the WEEE directive.

**HINWEIS ZUM RECYCLING:**

Das Verpackungsmaterial dieses Produktes ist zum Recyceln geeignet und kann wieder verwendet werden. Bitte entsorgen Sie alle Materialien entsprechend der örtlichen Recycling-Vorschriften.

Beachten Sie bei der Entsorgung des Gerätes die örtlichen Vorschriften und Bestimmungen.

Die Batterien dürfen nicht in den Hausmüll geworfen oder verbrannt werden; bitte entsorgen Sie die Batterien gemäß der örtlichen Vorschriften.

Dieses Produkt und das im Lieferumfang enthaltene Zubehör (mit Ausnahme der Batterien!) entsprechen der WEEE-Direktive.

**UNE REMARQUE CONCERNANT LE RECYCLAGE:**

Les matériaux d'emballage de ce produit sont recyclables et peuvent être réutilisés. Veuillez disposer des matériaux conformément aux lois sur le recyclage en vigueur.

Lorsque vous mettez cet appareil au rebut, respectez les lois ou réglementations en vigueur.

Les piles ne doivent jamais être jetées ou incinérées, mais mises au rebut conformément aux lois en vigueur sur la mise au rebut des piles.

Ce produit et les accessoires inclus, à l'exception des piles, sont des produits conformes à la directive DEEE.

**NOTA RELATIVA AL RICICLAGGIO:**

I materiali di imballaggio di questo prodotto sono riutilizzabili e riciclabili. Smaltire i materiali conformemente alle normative locali sul riciclaggio.

Per lo smaltimento dell'unità, osservare le normative o le leggi locali in vigore.

Non gettare le batterie, né incenerirle, ma smaltirle conformemente alla normativa locale sui rifiuti chimici.

Questo prodotto e gli accessori inclusi nell'imballaggio sono applicabili alla direttiva RAEE, ad eccezione delle batterie.

**ACERCA DEL RECICLAJE:**

Los materiales de embalaje de este producto son reciclables y se pueden volver a utilizar. Disponga de estos materiales siguiendo los reglamentos de reciclaje de su localidad.

Cuando se deshaga de la unidad, cumpla con las reglas o reglamentos locales.

Las pilas nunca deberán tirarse ni incinerarse. Deberá disponer de ellas siguiendo los reglamentos de su localidad relacionados con los desperdicios químicos.

Este producto junto con los accesorios empaquetados es el producto aplicable a la directiva RAEE excepto pilas.

**EEN AANTEKENING MET BETREKKING TOT DE RECYCLING:**

Het inpakmateriaal van dit product is recycleerbaar en kan opnieuw gebruikt worden. Er wordt verzocht om zich van elk afvalmateriaal te ontdoen volgens de plaatselijke voorschriften.

Volg voor het wegdoen van de speler de voorschriften voor de verwijdering van wit- en bruinoogd op.

Batterijen mogen nooit worden weggegooid of verbrand, maar moeten volgens de plaatselijke voorschriften betreffende chemisch afval worden verwijderd.

Op dit product en de meegeleverde accessoires, m.u.v. de batterijen is de richtlijn voor afgedankte elektrische en elektronische apparaten (WEEE) van toepassing.

**OBSERVERA ANGÅENDE ÅTERVINNING:**

Produktens emballage är återvinningsbart och kan återanvändas. Kassera det enligt lokala återvinningsbestämmelser.

När du kassar enheten ska du göra det i överensstämmelse med lokala regler och bestämmelser.

Batterier får absolut inte kastas i soporna eller brännas. Kassera dem enligt lokala bestämmelser för kemiskt avfall.

Denna apparat och de tillbehör som levereras med den uppfyller gällande WEEE-direktiv, med undantag av batterierna.

**CAUTION:****1. Handle the power supply cord carefully**

Do not damage or deform the power supply cord. If it is damaged or deformed, it may cause electric shock or malfunction when used. When removing from wall outlet, be sure to remove by holding the plug attachment and not by pulling the cord.

**2. Do not open the rear cover**

In order to prevent electric shock, do not open the top cover. If problems occur, contact your DENON DEALER.

**3. Do not place anything inside**

Do not place metal objects or spill liquid inside the system. Electric shock or malfunction may result.

Please, record and retain the Model name and serial number of your set shown on the rating label.

Model No. DN-S700

Serial No. \_\_\_\_\_

**NOTE:**

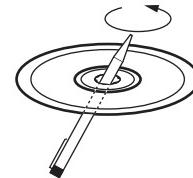
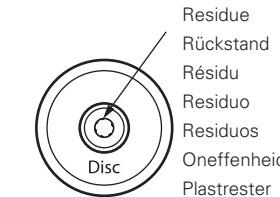
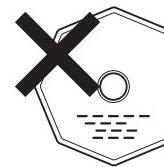
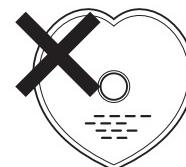
This CD player uses the semiconductor laser. To allow you to enjoy music at a stable operation, it is recommended to use this in a room of 5 °C (41 °F) –35 °C (95 °F).

**Sufficiently ventilate the place of installation**

If the unit is left in a room full of the smoke from cigarettes, etc., for long periods of time, the surface of the optical pickup could get dirty, in which case it will not be able to read the signals properly.



- Use compact discs that include the mark. CD's with special shapes (heart-shaped CD's, octagonal CD's etc.) cannot be played on this set. Attempting to do so may damage the set. Do not use such CD's.
- Benutzen Sie Compact Discs, die das Zeichen tragen. Speziell geformte CD's (herzförmige CDs, achteckige CDs, usw.) können auf dieser Anlage nicht abgespielt werden. Der Versuch derartige CDs abzuspielen kann die Anlage beschädigen. Verzichten Sie auf die Benutzung solcher CDs.
- Utiliser des disques compacts portant le logo . Des CD avec des formes spéciales (CD en forme de cœur, des CD octogonaux, etc.) ne peuvent pas être lus sur cet appareil. Le fait de l'essayer, risque d'endommager le lecteur. Ne pas utiliser de tels CD.
- Utilizzare compact disc contrassegnati con . Non è possibile eseguire in questa unità CD con forme speciali (CD a forma di cuore, ottagonali, ecc.), poiché possono danneggiare il prodotto. Non utilizzare tali CD.
- Use discos compactos con la marca . En este equipo no es posible reproducir CDs con formas especiales (CDs con forma de corazón, CDs octagonales, etc.). Si intenta hacerlo, el equipo podrá resultar dañado. No use este tipo de CDs.
- Gebruik compact discs voorzien van het logo . CD's met speciale vormen (bijv. CD's in de vorm van een hart, achthoekige CD's, enz.) kunnen met dit toestel niet worden afgespeeld. Wanneer u dit toch probeert, zal u het toestel beschadigen. Speel dergelijke CD's dus niet af.
- Använd CD-skivor med -märket. Specialformade CD-skivor (hjärtformade, åttkantiga, m m) går inte att spela på den här apparaten. Utrustningarna kan skadas om du försöker göra detta. Använd inte CD-skivor av denna typ.



- The disc may not play normally if there is residue along the edges of the center hole.
- When using new discs in particular, use a pen, etc., to remove the residue.
- Die Disk kann nicht normal abgespielt werden, wenn sich ein Rückstand entlang der Mittellochenden befindet.
- Insbesondere, wenn Sie neue Disks benutzen, dann entfernen Sie mit einem Stift, etc. den Rückstand.
- Le disque peut ne pas être lu normalement s'il y a un résidu le long des bord du trou central.
- Lors de l'utilisation de nouveaux disques en particulier, utiliser un stylo à bille, etc., pour enlever le résidu.
- Il disco non viene eseguito in modo corretto se sono presenti residuoi ai bordi del foro centrale.
- Quando si utilizzano dischi nuovi, utilizzare una penna o uno strumento simile, per rimuovere i residui.
- El disco no puede ser reproducido normalmente debido a la terminación deficiente de los bordes del agujero central.
- Para quitar estos residuos de material, especialmente cuando vaya a reproducir discos nuevos, utilice un bolígrafo, o algo similar.
- Het is mogelijk dat de disc niet normaal wordt weergegeven als de randen van het middengat van de schijf oneffenheden vertonen.
- Verwijder vooral bij gebruik van nieuwe discs de oneffenheden met een pen of iets dergelijks.
- Det kan uppstå fel vid CD-avspelningen om det finns plastrester kvar i mitthålet.
- Tänk på att bort dessa med en penna, e d, särskilt om CD-skivan är ny.

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## Specifications

# Getting Started

## Accessories

Check that the following parts are supplied with the product.

① Owner's manual .....	1
② 3.5mm stereo mini cord .....	1
③ Connection cords for signal output (RCA) .....	1
④ Warranty (for North America model only).....	1

## Main Features

Congratulations on your new purchase of the DN-S700. The DN-S700 table top single CD player is equipped with a variety of advanced features, functions and rich performance for unlimited creativeness and showmanship.

### Features and Functions

With the implementation of a powerful DSP and large memory capacity allows for many new controlling features such as:

#### 1. MP3 PLAY BACK

It is possible to play MP3 files created in the specified format found on page 13.

Files can be searched for easily either manually, or by scanning or using a number of file search functions (File search, File/Folder search).

#### 2. HOT START

The Hot Start function lets you start playback immediately from a set point decided by you.

#### 3. SEAMLESS LOOP

With this function, any section on a disc can be played repeatedly between A & B points with no break in sound or limit in length. The DN-S700 has a variety of looping options such as Exit, Reloop.

#### 4. EFFECT'S

3 types of effectors are included.

**ECHO/LOOP:** The ECHO functions can be selected.

**FLANGER:** The feedback time and feedback gain can be selected.

**FILTER:** The Beat filters can be selected.

#### 5. PITCH/KEY ADJUST

**PITCH:** Playback speed is adjusted with PITCH slider. Adjustable pitch ranges are +/- 6, 10, 16, 100% (selectable live).

**KEY ADJUST:** Keeps the original key even if the pitch playing speed is changed with the PITCH slider.

#### 6. DIGITAL OUT

The digital output for Main provides a true 100% digital signal without any restrictions or limitations regardless of pitch change or mode setting.

#### 7. FADER START

The DN-S700 FADER START controls are compatible with our DN-X120 mixers.

#### 8. CD TEXT

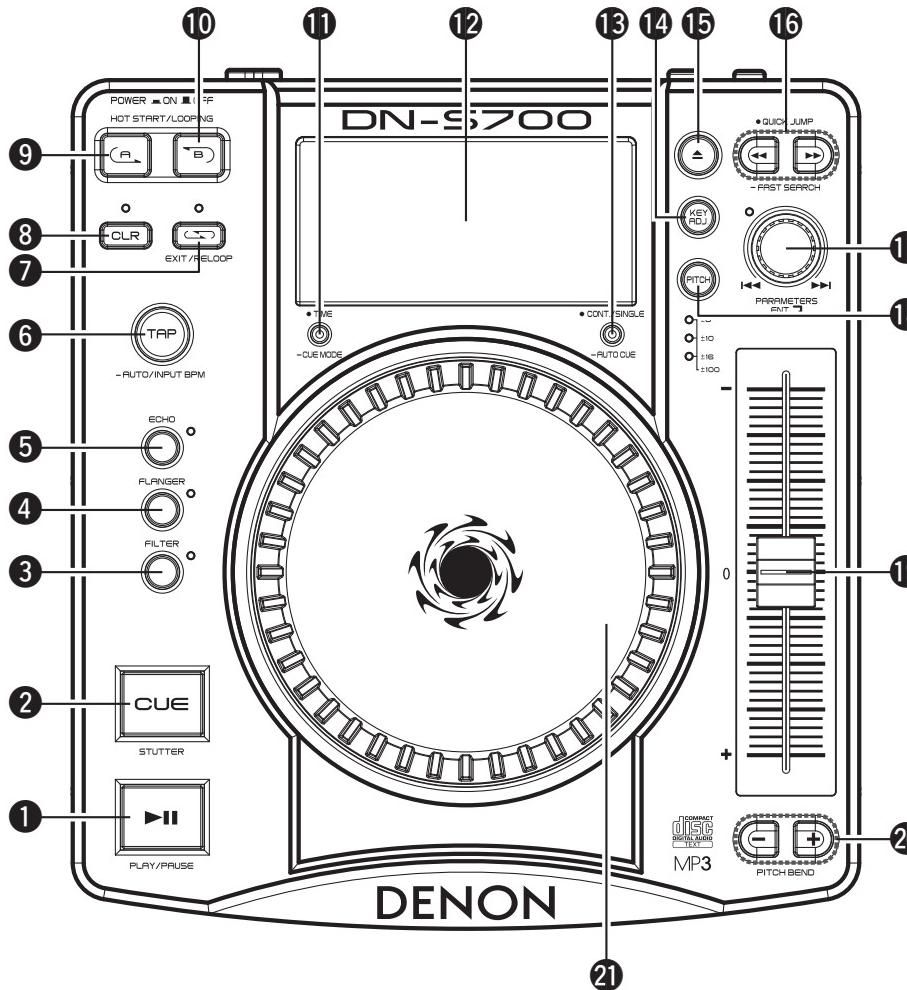
## Part Names and Functions

For buttons not explained here, see the page indicated in parentheses ( ).

### Top Panel



Note that there are many buttons working two different function selected by short time pushing or long pushing (1 second or more). The “•” mark indicates short time push function and “-” mark indicates long time push function.



#### ① PLAY/PAUSE button (▶ II)

- This button will start or pause playback.
- Push once to start playback, once again to pause playback, and once more to resume playback.

#### ② CUE/STUTTER button

- CUE (Back cue): Pushing this button in play mode will force the file back to the position which playback started. While in search mode, it makes new Cue point.

#### • STUTTER:

In Cue mode, by pushing the **CUE** button makes a Stutter sound from the Cue point. This is called Stutter play.

#### ③ FILTER button

The Beat filter can be selected.

#### ④ FLANGER button

The depth and delay time can be selected.

#### ⑤ ECHO button

The ECHO functions can be selected. The feedback level and delay time can be selected.

#### ⑥ •TAP (LOCK), -AUTO/INPUT BPM button

##### • TAP:

When you push this button repeatedly, the Auto mode turns off and starts measuring your Beats Per Minute (BPM) by tapping.

##### • BPM LOCK:

When this button is pressed once while the Auto BPM counter is operating, the data measured by the Auto BPM counter is locked.

##### • AUTO:

When pushing the **TAP** button for 1 second, activates AUTO BPM mode. The measured BPM is displayed in the character section of the display.

##### • MANUAL INPUT:

When the **TAP** button is pressed and held in for more than 2 seconds, the BPM input mode is set and the BPM value can be input directly with the **PARAMETERS** knob. When the **TAP** button is pressed again, the BPM input mode is turned off.

#### NOTE

If you select a new file, AUTO BPM mode turns on automatically.

#### ⑦ EXIT/RELOOP button

Use this to exit or return back again to Seamless loop playback. You can add variety to looping with this function.

#### ⑧ CLR button

Use this to select operating mode of **A** button, from Hot Start mode.

If the **A** button is pushed while pushing the **CLR** button, you can clear the selected A point.

#### ⑨ A button

Using this button you can create starting point for Hot Start, Seamless Loop and Stutter.

#### ⑩ B button

Use this to set the B point for to create a Seamless Loop after the A point has been set.

#### ⑪ •TIME button, CUE MODE button

##### • TIME:

The display switches between "ELAPSED" (elapsed time), "REMAIN" (remaining time), "T.ELAPSED" (total elapsed time) and "T.REMAIN" (total remaining time) each time the button is pressed.

##### • Cue Mode: DENON\* / OTHER

DENON\*: When the playback is started during the Play Pause mode, the Cue point is set.

Other: When the **CUE** button is pushed during the Play Pause mode, the Cue point is set.

**⑫ Display****⑬ •CONT./SINGLE button, -AUTO CUE button**

## • CONT./SINGLE:

The display switches between the single play mode (PLAY LOCK), single play mode (LOCK OFF) and continuous play each time the button is pressed and held in for over 1 second.

## • CONT. (Continuous play mode):

Playback continues through the end of the last file.

## • SINGLE (Single play mode):

The currently playing file is played to the end.

• SINGLE PLAY LOCK (Single play & Play lock):  
When "Single play & Play lock" is selected, the single play mode is set.

In this mode, files cannot be selected during playback, thus preventing files from being selected or playback stopped accidentally.

## • AUTO CUE:

The Auto Cue function sets the standby mode to the position at which the sound starts.

**⑭ KEY ADJ. button**

The key adjust function makes it possible to keep the key constant, regardless of the playing speed (pitch).

The indicator lights when in the pitch on and key adjust on modes.

**⑮ DISC EJECT (▲) button**

When the button is pressed, the CD is ejected. Ejection is locked while a CD is playing.

**⑯ •QUICK JUMP button, -FAST SEARCH button  
(◀◀) (▶▶)**

## • QUICK JUMP:

The play position jumps backward when the **◀◀** button is pressed and immediately released.

The play position jumps forward when the **▶▶** button is pressed and immediately released.

## • FAST SEARCH:

When one of these buttons is pressed and held in, the disc is fast-searched in the reverse (**◀◀**) or forward (**▶▶**) direction.

**⑰ TRACK/PARAMETERS knob**

## • PARAMETERS:

When the **PARAMETERS** knob is turned, the effect, or other parameters and data can be selected.

## • TRACK SEARCH, FILE SEARCH:

When the **PARAMETERS** knob is pressed, tracks (files) can be selected one track at a time.

When the **PARAMETERS** knob is turned while pressing it, tracks (files) can be selected in units of 10.

**⑱ PITCH button**

## • PITCH:

The mode switches between pitch on, and pitch off each time the button is pressed.

## • RANGE:

Push this button to select the pitch range. The pitch range can be selected from ±6, 10, 16 or 100 %.

**⑲ PITCH SLIDER**

Use this slider to adjust playing speed.

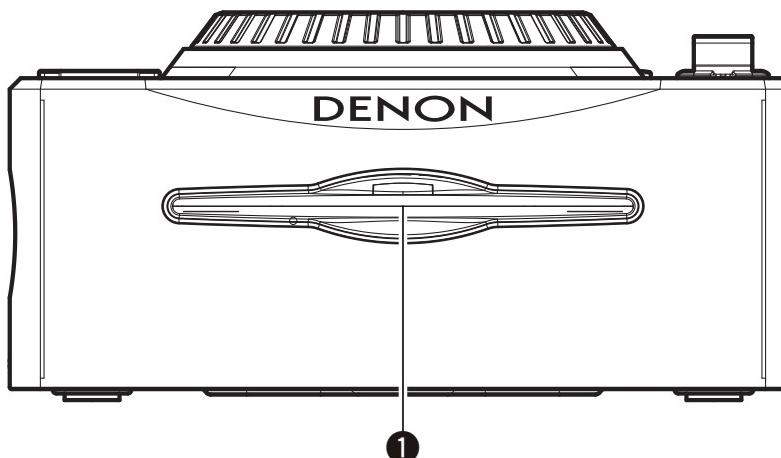
The playing speed decreases when slid upwards and increases downwards.

**⑳ PITCH BEND +/- buttons**

- Pushing these buttons will change main playing speed temporarily.
- While pushing **PITCH BEND +** button the playing speed increases and speed decreases while pushing **PITCH BEND -** button.
- When release button, playing speed returns to the previous speed.

**㉑ JOG Wheel**

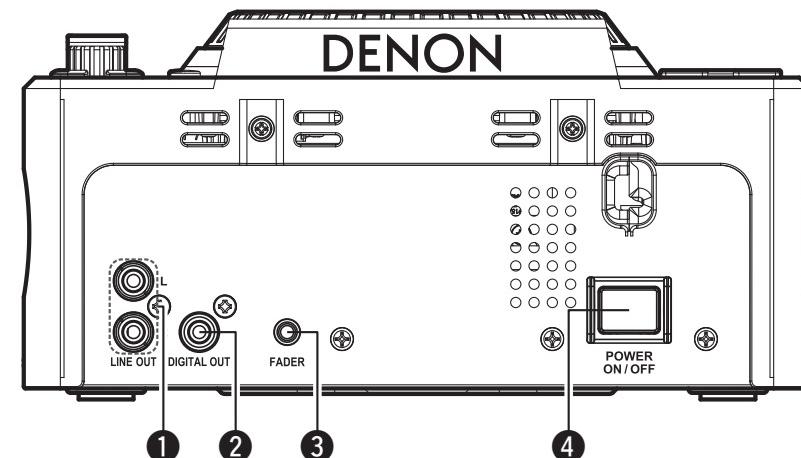
Use this JOG Wheel for manual search, Pitch Bend, and effect parameters operations.

**Front Panel****① Disc loading slot**

Insert CDs here. Insert the CD slowly, then release it.

**NOTE**

Not compatible with 8 cm CDs. Accidental loading of an 8 cm CD may cause a malfunction.

**Rear Panel****① Analog output terminals (LINE OUT)**

- This is unbalanced RCA output terminals.
- Audio signals outputs.

**② Digital output terminal (DIGITAL OUT)**

- Digital data is available from these terminals.
- Use 75 Ω/ohms pin cord for connection.
- We recommend you use braided wire type shielded cable.

**NOTE**

The playback level after analog conversion is set to -6 dB below the usual level to avoid digital distortion.

**③ Fader start jack**

- Connect the mixer here.
- The various fader commands (play, pause, cue, etc.) are received from the mixer.
- Use a 3.5 mm stereo mini cord for connection.

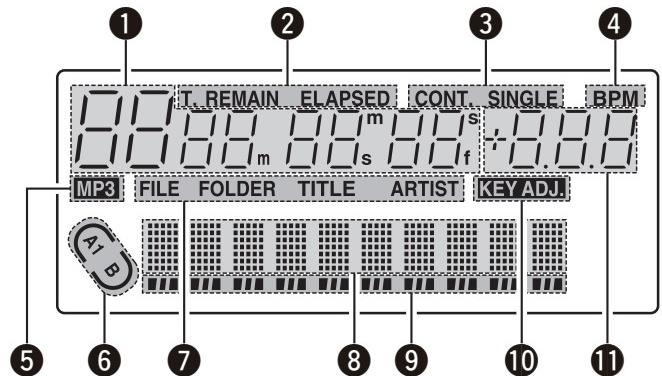
**④ POWER button**

Push this button to turn power on and off.

**NOTE**

Do not turn off the power while a disc is loading or ejecting. Doing so could damage the CD mechanism and lead to malfunction.

## Display



### ① Track, minute, second and frame displays

These displays indicate current position information.

### ② Time mode indicators

When the **TIME** button is pushed, the Time mode indicator switches as follows:

- ELAPSED: Track's elapsed time is displayed.
- REMAIN: Track's remaining time is displayed.
- T. ELAPSED: The total elapsed time of disc is displayed.
- T. REMAIN: The total remaining time of disc is displayed.

### ③ Play mode indicators

When SINGLE indicator lights up, playback will finish at end of current track.

When CONT. indicator lights up, playback continues.

### ④ BPM indicators

Lights when the BPM is displayed on the pitch display.

### ⑤ MP3 indicators

Lights when an MP3 disc is detected.

### ⑥ Loop mode indicators

DN-S700 has Loop mode indicators which consist of A , B and two arrows. A1 and B marks indicate A and B points have been set.

Two arrows indicate loop setting mode as follows.

or Left arrow only on:

Hot Start mode

Both arrows on:

Seamless Loop mode

, Both arrows flashing:

Seamless Loop Playing

, Left arrow on, right flashing:

Exit play from Seamless Loop

### ⑦ MP3 file search mode indicator

- FILE: FILE indicator appears in display, when in the FILE search mode.
- FOLDER: FOLDER indicator appears in display, when in the FILE & FOLDER search mode.

### ⑧ Character display

You can select the mode or function using **PARAMETERS** knob following the short message which is displayed on the character display area.

The **PARAMETERS** indicator flashes when you can use **PARAMETERS** knob, otherwise this knob used for Track Selection.

The character display indicates the operation, mode name, data, etc., and displays such guide messages as "Push/Play" means if "YES", push **PARAMETERS** knob. The display indicates and marks sometime, note that mark says you to turn **PARAMETERS** knob and marks says to push **PARAMETERS** knob.

### ⑨ Play Position indicators

Play position indicator:

The 30 dots indicate a visual track position marker during normal play. The 10 Orange dots indicate the play position during the reverse play mode.

End of Message:

When the time remaining to the end of the track is less than the specified time, the EOM (End Of Message) play position indicator flashes along with the remaining time, notifying of the track end.

### ⑩ KEY ADJ. indicator

KEY ADJ. indicator appears in display when the Key Adjust mode is ON.

### ⑪ Pitch display

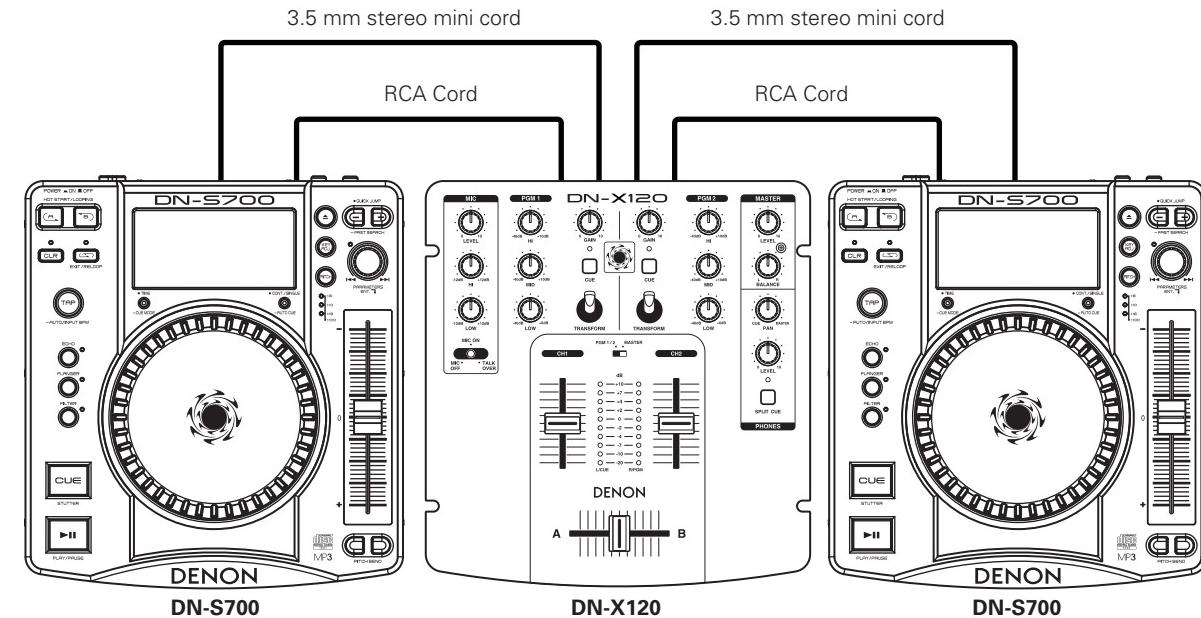
This indicator display the playback speed (pitch). BPM is displayed in effector parameters selection mode.

# Connections

1. Turn off the POWER switch.
2. Connect the RCA pin cords to the inputs on your mixer.
3. If the mixer has a fader output terminal, connect the mixer and the DN-S700's fader input terminal with a 3.5 mm stereo mini cord.  
Fader control of the DN-S700 is possible.

**NOTE**

Be sure to use the supplied control cord. Using another type of cable may result in damage.



# Playback

## Selecting the Track on the CD and MP3 Disc to be Played

Play the CD on the DN-S700.

CD-DA and MP3 disc can be played.

### □ Loading the disc

- When the CD is inserted into the disc loading slot, the standby mode is set at the first track on the CD.
- The **CUE** button lights when the standby mode is set.
- The Auto Cue function sets the standby mode to the position at which the sound starts.

### □ Selecting the track

- Turn the **PARAMETERS** knob.
- Tracks can be selected in units of 10 by pressing the **PARAMETERS** knob while turning it.

#### SINGLE PLAY LOCK:

This function disables track selection during playback to prevent files from being selected or playback from stopping accidentally.

To cancel, press and hold in the **•CONT./SINGLE-AUTO CUE** button.



Refer to the top panel's **⑬ •CONT./SINGLE-AUTO CUE** button (page 3).

## MP3 Playback

### 1 Display

- TIME-CUE MODE** button : The elapsed file playing time and the remaining file playing time (for C.B.R files only) can be selected.

- The file name display, folder name display and ID-3 tag can (title/artist name/album name) be displayed.

Each time the **PARAMETERS** knob is pushed, the file name display, folder name display, title display, artist name display are selected.

#### NOTE

Title and artist name use the data of ID3 tag.  
It is not data of a file name.

### 2 Play, Pause and Cue

- Like with a normal CD, it is possible to play, pause and back-cue.
- Pitch range, 6%, 10%, 16%

#### NOTE

When you back cue V.B.R.encoded files, the start position returns to the head of file 00:00:00 rather than where music is detected.

### 3 Manual search & Fast search

For only C.B.R files, manual searching and fast searching can be performed.

#### NOTE

- With manual searching and fast searching, it is only possible to search within the selected file.
- The searching speed may vary according to the file's compression rate, etc.
- Playback does not occur if the file is a V.B.R. file.

## 4 Select the file

### 4 Select the file search modes

For MP3 discs, the file search modes described below can be selected by pushing the track select knob and holding it in for over 1 second.

- The file search mode is selected by turning the **PARAMETERS** knob and set by pushing the knob.

#### (1) File search (File)

- When the track select knob is turned, file searching is performed in the order of the file numbers.
- When the track select knob is pushed in and turned, file searching is performed 10 files at a time.

#### (2) File/Folder search (FileFolder)

- When the track select knob is turned, file searching is performed in the order of the file numbers.
- When the track select knob is pushed in and turned, folder searching is performed in the order of the folder numbers.

## 5 Seamless Loop/Hot start/Stutter

For only C.B.R files, hot starting, seamless loop playback and stuttering can be performed in the same way as with normal CDs.

※ The A and B points for the seamless loop must both be set within the same file.

## 6 Effect

Effect is supported in the same way as with normal CDs.

# Basic Operations

## Operations

### Playback and Pause

- 1 Press the ▶ II button to start playback.**  
The ▶ II button lights green during playback.



- 2 When the ▶ II button is pressed during playback, the pause mode is set at that position.**

The ▶ II button flashes.

※ Press the ▶ II button again to resume playback from the point at which it was paused.



### Playback and CUE

- During playback, press the CUE button.**

Playback stops and cues to the point where playback started (the cue point).

※ This function is called "Back Cue".



- The Back Cue function can be used to always start playback from the same position.
- The CUE button lights red when the back cue mode is set.

The cue point is set or changed in the following cases:

- When playback is started from the pause mode
- When a new file is selected
- When the cue point is set in the manual search mode

### Selecting tracks

**Turn either the PARAMETERS knob or the Scratch disc.**

※ Refer to "Selecting the Track on the CD to be Played (page 3)".

### Moving the cue point

If you want to start playback in the middle of a track, use the quick jump, fast search or manual search function to move the cue point.

- 1 Use the FAST SEARCH button to find the position from which you want to start playing.**

Press and release the ←→ button immediately to jump 10 seconds forward or backward from the current position.

Press and hold in the ←→ button to fast-forward or fast-reverse.



- 2 Turn the JOG Wheel in the pause mode to move the cue point 1 frame at a time while listening to the playback sound.**



- 3 When the CUE button is pressed, the new cue point is set.**

### Changing the playing speed (pitch)

The playing speed (pitch) can be adjusted using the pitch slider. The key adjust function makes it possible to keep the key constant, regardless of the playing speed (pitch).

- 1 Press the PITCH and KEY ADJ. button.**

The PITCH indicator lights when the pitch on mode is set, the "KEY ADJ." indicator lights when the key adjust mode is on.



- 2 The playing speed is adjusted when the pitch slider is moved.**

- 3 Press the PITCH button.**



- 4 Press the PITCH button to select the pitch range.**

The DN-S700 offers four pitch ranges: 6 %, 10 %, 16 % and 100 %.



- 5 Press the KEY ADJ. button.**

With the Key Adjust feature, the key is maintained regardless of the playback speed (pitch).



### NOTE

With MP3 files, the files can not be played if the pitch is 100 %.

## Changing the playing speed (pitch) temporarily

The pitch bend function can be used to change the playing speed temporarily. The DN-S700 includes two pitch bend functions using the **PITCH BEND** buttons and the Scratch disc.

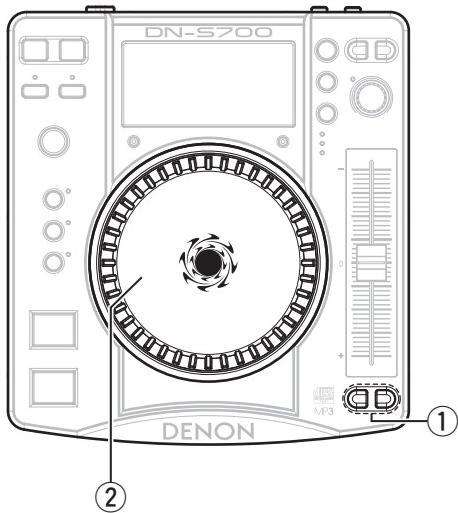
### 1 [PITCH BEND +/-]

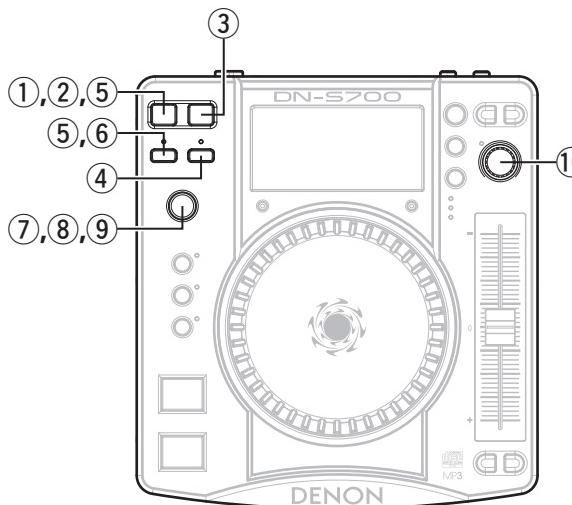
- ① Press the **PITCH BEND +** button to increase the playing speed, the **PITCH BEND -** button to decrease the playing speed.



### 2 [JOG Wheel]

- ② The JOG Wheel turns during playback.  
The playing speed changes.





## Seamless Loop/Hot Start

### Seamless Loop Playback/Hot Start Playback

#### 1 Setting the A point.

##### ① Press the A button.

The A point is set at the point at which the button is pressed.

※ When the A point is set, the "A" and "▷" indicators light and the hot start mode is set.

※ The BPM is set automatically.



#### 2 Starting hot start play.

##### ② Press the A button.

Once the A point is set, press the A button to set hot start play.



#### 3 Seamless looping starts.

##### ③ After setting the A point or after starting hot start play, press the B button.

The B point is set and seamless loop play is set from the A point.

※ The B point is set with respect to the A point that was set before pressing the B button.

##### During seamless looping or after exiting the seamless loop, press the B button.

The B point moves to the point at which the B button was pressed.

※ When the B point is set, the "B" and "▷" indicators light.



#### 4 Seamless loop play.

※ When the B point is detected during A-B loop playback, seamless loop playback returns to the A point.

#### 5 Exiting a loop/Returning to a loop.

##### ④ Press the EXIT/RELOOP button.

Press the EXIT/RELOOP button to exit or return to a seamless loop.

##### EXIT:

It is possible to exit a seamless loop during seamless loop playback. With the DN-S700, playback continues from B point once the seamless loop is exited.



##### RELOOP:

When the EXIT/RELOOP button is pressed after exiting the seamless loop, seamless looping starts from the A point.

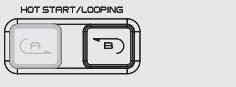
#### 6 Clearing the A point.

##### ⑤ Quickly push and hold the CLR button down and then press the A button with your other finger.

The A-B loop is cleared.



※ It is possible to clear only the last B point played by pressing the B button while pressing the CLR button.



The A point is cleared by force.

## Auto BPM Counter

Beats per minute (BPM) of a track is measured automatically and displayed during playback or in Cue standby mode. Measured BPM values are synchronized with the effector parameters.

- When Auto BPM COUNTER is off, pushing the **TAP** button for 1 second, reactivates the AUTO BPM COUNTER to turn back on.
- If you change or select a new track, the old BPM is cleared and the Auto BPM Counter starts to detect the new track automatically.

### NOTE

AUTO BPM COUNTER might not me able to be measured correctly according to the type of music.

\*If this happens, please use the TAP feature.

### 1 BPM LOCK

The data measured by the auto BPM counter is locked.

- ⑦ Push the **TAP** button once while auto BPM counter is operating.

"BPM Lock" is displayed for 1 second.



### 2 TAPPING

The interval when the **TAP** button is pushed repeatedly is measured and BPM is calculated.

- ⑧ When you push the **TAP** button, the auto BPM counter turn off.

Push the **TAP** button repeatedly about 5~10 times according to the beat.



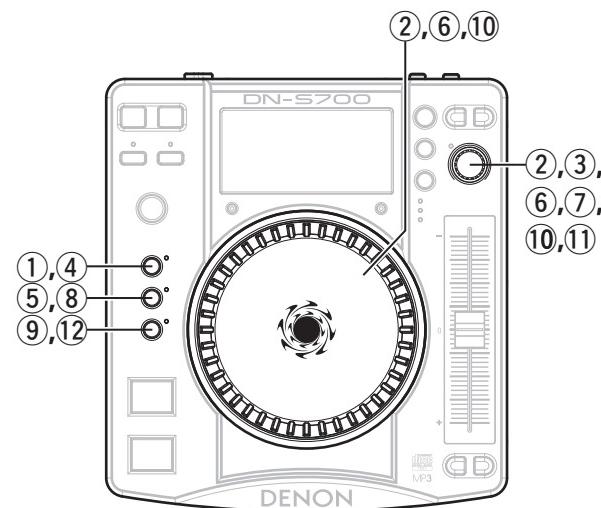
### 3 MANUAL INPUT

The known BPM can be dialed in directly by the numerical value.

- ⑨ The BPM manual input mode is available when the **TAP** button is pushed for more than 2 sec. "Manual In" is displayed is the screen.

- ⑩ You can input BPM value directly with the **PARAMETERS** knob.

- ⑪ When the **TAP** button is pushed again, the BPM manual input mode is turned off and the BPM is locked to that value.



## Effector

One of the three types can be selected.

### Echo Parameter Setting

#### 1 Turning echo/loop on.

- ① Press the **ECHO** button.

The ECHO indicator flashes and the parameters setting screen is displayed.



\* When echo indicator is solid (not blinking), press the **ECHO** button to set the parameter selection mode again.

#### 2 Setting the echo parameters.

- ② Turn either the **PARAMETERS** knob or the **JOG WHEEL** to set the echo parameters.

The **PARAMETERS** indicator flashes.



\* The echo feedback level can be set with the **JOG WHEEL**, the echo delay time with the **PARAMETERS** knob.



#### 3 ③ Press the **PARAMETERS** knob to turn of the parameters setting screen.



#### 4 ④ Press the **ECHO** button while the flanger parameters setting screen is displayed.

Turning echo off.



## Flanger Parameter Setting

**1 ⑤ Press the FLANGER button.**

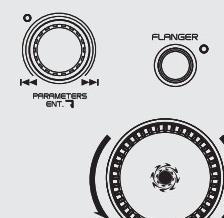
When the **FLANGER** button is pressed, the **FLANGER** indicator flashes and the parameters setting screen is displayed.



※ When the **FLANGER** indicator is solid (not blinking), press the **FLANGER** button to set the flanger parameter selection mode again.

**2 ⑥ Turn either the PARAMETERS knob or the JOG Wheel to set the flanger parameters.**

The **FLANGER** button and **PARAMETERS** indicator flash while the parameters are being set.



※ The **FLANGER** Depth can be set with the **JOG** Wheel, while the **FLANGER** Delay Time can be set with the **PARAMETERS** knob.

**3 ⑦ Press the PARAMETERS knob to turn off the parameters setting screen.**



**4 ⑧ Press the FLANGER button while the flanger parameters setting screen is displayed.**

Turning the flanger off.



## Filter Parameter Setting

**1 ⑨ Press the FILTER button.**

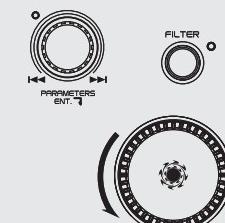
When the **FILTER** button is pressed, the **FILTER** indicator flashes and the parameters setting screen is displayed.



※ When **FILTER** indicator is solid (not blinking), press the **FILTER** button to set the filter parameter selection mode again.

**2 ⑩ Use the PARAMETERS knob or JOG Wheel to set the filter parameters.**

The **FILTER** indicator and **PARAMETERS** indicator flash while the parameters are being set.



※ The Filter parameters can be set with the **JOG** Wheel, while the number of Beat can be set with the **PARAMETERS** knob.

**3 ⑪ Press the PARAMETERS knob to turn off the parameters setting screen.**



**4 ⑫ Press the FILTER button while the filter settings screen is displayed.**



Turning the filter off.

## Compatible Files

### NOTE

- Depending on the type of MP3 encoding software, with some files noise may be generated or it may not be possible to play the file.
- Recordings you make are for your personal use and should not be used in ways infringing upon the copyright holder as per copyright laws.
- With MP3 files, the files cannot be played if the pitch is 100%.

### MP3 FORMAT

	Applicable file extensions	.mp3 .MP3 .mP3 .Mp3
	ISO9660	max. 63 character style
	Joliet	max. 63 character style
<b>Disc Format</b>	CD-ROM sector format	mode-1 only
	Folder/directory hierarchical level	max. 8 levels down (* note #1)
	Max. number of folders	max. 255 folders
	Max. number of files	max. 999 files (* note #2)
<b>MP3 Format</b>	MPEG 1 Layer 3 standard (ISO/IEC 11172-3), which provides for single channel ('mono') and two-channel ('stereo') coding at sampling rates of 32, 44.1 and 48 kHz.	32/40/48/56/80/96/112/128/160/192/224/256/320 kbps C.B.R/V.B.R
	MPEG 2 Layer 3 standard (ISO/IEC 13818-3), which provides for similar coding at sampling rates of 16, 22.05 and 24 kHz.	32/40/48/56/64/80/96/112/144/160 Kbps
	MPEG 2.5 Layer 3 standard, which provides for similar coding at sampling rates of 8, 11.025 and 12 kHz.	32/40/48/56/64/80/96/112/144/160 Kbps
<b>Disc Writing Method</b>	Disc at Once and Track at Once	
	Multi Session	If the 1st session is CDDA ,you can playback only CDDA track. If the 1st session is MP3,you can playback only MP3 file.
	<b>NOTE:</b>	Packet Write is not supported.

**note #1** Cannot playback files in a folder located further from the specified Folder/directory hierarchical level.

**note #2** If the number of files exceeds 255, the unit can play first 255 files, and no further files are recognized.

# Specifications

## GENERAL

**Type:**  
**Media type:**

CD player  
Standard compact disc (12 cm), CD-TEXT, CD-R, CD-RW  
※ Finalized CD-R and CD-RW discs can be played on the DN-S700. Depending on the recording conditions and other factors, however, it may not be possible to play some CD-R and CD-RW discs.

**Dimensions:**

215 (W) x 87.7 (H) x 232 (D) mm (up to the panel surface)

**Weight:**

2.6 kg

**Power supply:**

U.S.A., Canada models: AC 120 V ±10 %, 60 Hz  
European models: AC 230 V ±10 %, 50 Hz

**Power consumption:**

12 W

**Environmental conditions**

5 ~ 35 °C

**Operational temperature:**

25 ~ 85 %

**Operational humidity:**

-20 ~ 60 °C

## AUDIO SECTION

**Quantization:**

16-bit linear per channel

**Sampling frequency:**

44.1 kHz at normal pitch

**Total harmonic distortion:**

0.01 % or less (1 kHz)

**Signal to noise ratio:**

95 dB or more (A-weighted)

**Channel separation:**

95 dB or more

**Frequency response:**

20 ~ 20 kHz, ±0.5 dB

• **Analog output**

2.0 V r.m.s.

**Output level:**

• **Digital output**

IEC958-Type2

**Signal format:**

0.5 Vp-p 75 Ω/ohms

**Output level:**

## FUNCTIONS

**Instant start:**

Within 20 msec.

**Variable pitch:**

±6 % (0.1 % pitch)

±10 % (0.1 % pitch)

±16 % (0.1 % pitch)

±100 % (0.1 % pitch)

**Pitch bend:**

Pitch range ±16 %

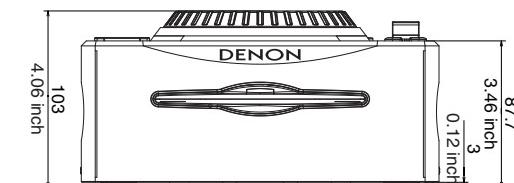
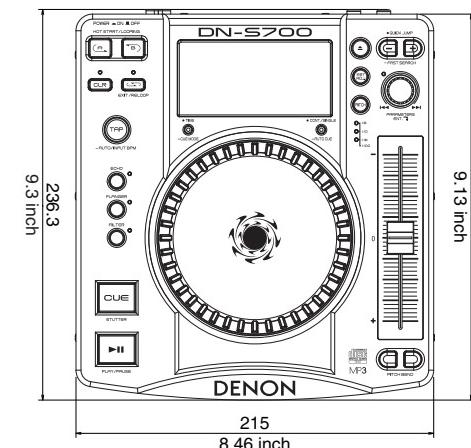
Pitch range ±100 % : -99 % ~ +100 %

**Search precision:**

1/75 sec. (1 subcode frame)

※ Specifications and design are subject to change without notice for purpose of improvement.

Service centers are listed at <http://www.d-mpro.com>.



Unit: mm

# D&M Holdings Inc.

<http://www.d-mpro.com>

D&M Holdings Inc.  
Printed in China 5411 10389 002P